



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Fenestra-America, LLC
5300 Kings Highway
Brooklyn, NY 11234

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "FA-H4220 European" Outswing Wood Casement Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. W08-07, titled "FA-H4220 European Wood Casement Wdw.", sheets 1 through 5 of 5, dated 01/16/08, with revision A dated 03/09/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name:

FENESTRA-AMERICA (RN-1)

FENESTRA-AMERICA (PS-1)

Santarcangelo di Romagna (RN), Italy

Fano (PS), Italy

and the following statement: "Miami-Dade County Product Control Approved".

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 09-0806.05 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



Handwritten signature and date:
7/9/10/13

NOA No. 13-0701.04
Expiration Date: November 18, 2014
Approval Date: September 19, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W08-07**, Sheets 1 through 5 of 5, titled "FA-H4220 European Wood Casement Wdw.", dated 01/16/08, with revision **B** dated 03/09/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of model H4220 European outswing, wood casement windows mulled together, prepared by Architectural Testing, Inc., Test Report No. **ATI-55587.05-122-18**, dated 08/16/07, with revision #7 dated 06/04/09, all signed and sealed by Michael D. Stremmel, P.E.
(Submitted under previous NOA# 09-0806.05)

C. CALCULATIONS


1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, prepared by Al-Farooq Corporation, dated 03/08/12, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-04**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **12-1231.10** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/28/13, expiring on 05/21/16.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-0701.04
Expiration Date: November 18, 2014
Approval Date: September 19, 2013

Fenestra-America, LLC

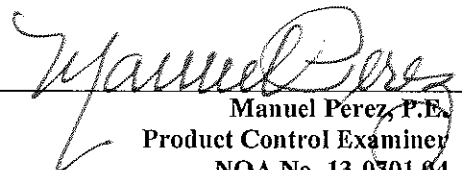
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-2010**, and of no financial interest, dated March 08, 2012, signed and sealed by Javad Ahmad, P.E.
2. Distributor Agreement document in conformance to BCCO guidelines dated 06/10/09 signed by Elisa Zefferani and Roy Zeluck.
(Submitted under previous NOA# 09-0806.05)

G. OTHER

1. Notice of Acceptance No. **09-0806.05**, issued to Fenestra-America, LLC, for their Series "FA-H4220 European" Outswing Wood Casement Window – L.M.I., approved on 11/18/09 and expiring on 11/18/14.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 13-070184

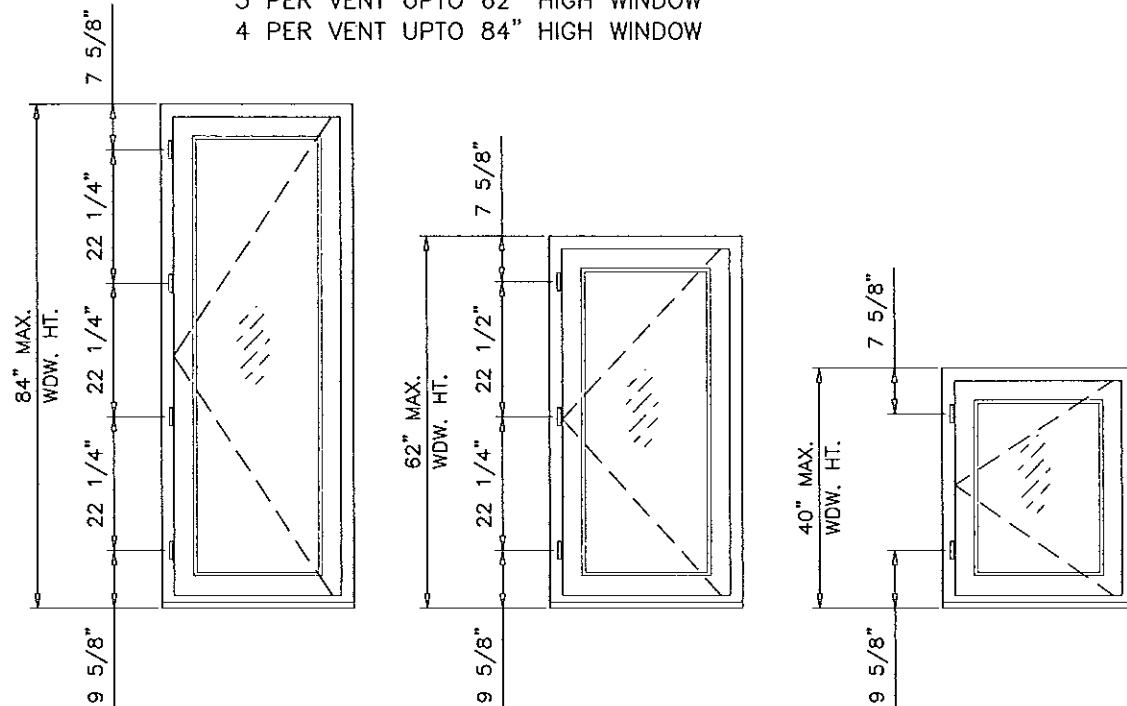
Expiration Date: November 18, 2014
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scale: 1/2"=1'-0"	sheet 1 of 5			
dr. by: HAMID				
chk. by:				
revisions:				
no	date	by	description	
A	03.09.12		UPDATED TO 2010 FBC	

HINGES

- 2 PER VENT UPTO 40" HIGH WINDOW
3 PER VENT UPTO 62" HIGH WINDOW
4 PER VENT UPTO 84" HIGH WINDOW

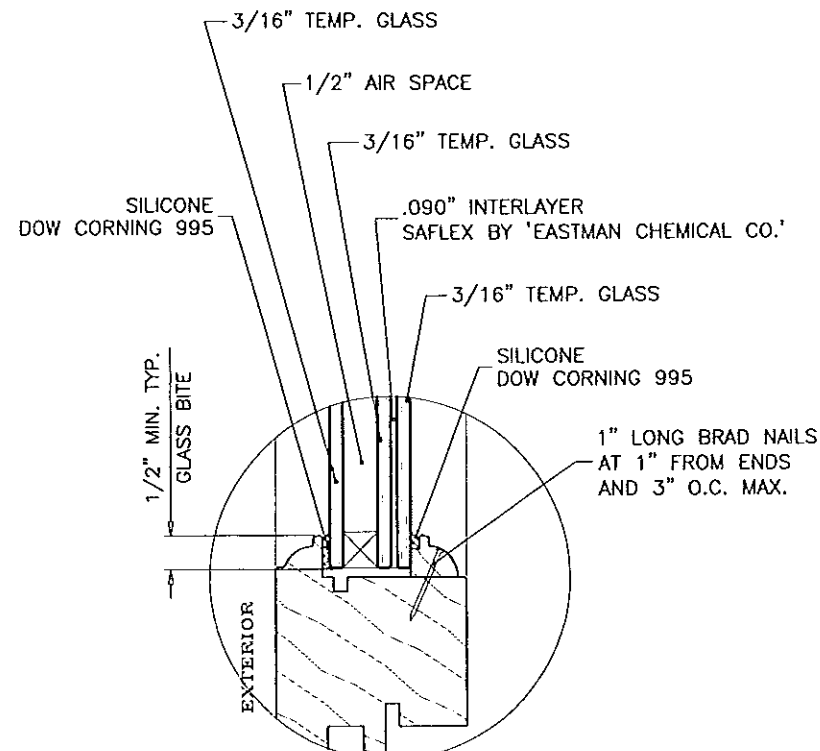


LOCKS:

- 5 POINT LOCK SYSTEM WITH KEEPERS BY 'SIEGENIA'
SURFACE MOUNT ACTIVATING HANDLE AT 20" FROM BOTTOM
(1) KEEPER AT HEAD, AT 3" FROM JAMB OR LOCK STILE CORNER
(1) KEEPERS AT SILL, AT 3" FROM JAMB OR LOCK STILE CORNER
(3) KEEPERS AT JAMB OR LOCK STILE, AT 3", 25" AND 65" FROM BOTTOM

ITEM #	REQD.	PART NO.	DESCRIPTION	REMARKS/SUPPLIER
1	4	-	FRAMING MEMBER (WOOD)	-
2	AS REQD.	-	FRAME INSIDE TRIM (WOOD)	OPTIONAL
3	1/ VENT	-	VENT TOP RAIL (WOOD)	-
4	1/ VENT	-	VENT BOTTOM RAIL/JAMB STILE (WOOD)	-
5	1/ VENT	-	ACTIVE MEETING STILE (WOOD)	-
6	1/ VENT	-	INACTIVE MEETING STILE (WOOD)	-
7	1/ VENT	-	ASTRAGAL (WOOD)	-
8	4/ VENT	-	GLAZING STOP (WOOD)	-
9	AS REQD.	-	WEATHER STRIP (NEOPRENE)	-
10	SEE SHEET 2	-	MULTI POINT LOCK	-
11	1/ VENT	8776579	LOCKING GEAR 15MM BACKSET (ZINC CHRMT'D STEEL)	SIEGENIA
12	2/ VENT	8776519	GEAR EXTENSION WITH ONE ROLLING PIN (ZINC CHRMT'D STEEL)	SIEGENIA
13	2/ VENT	8777791	CORNER TRANSMISSION WITH TWO ROLLING PINS (ZINC CHRMT'D STEEL)	SIEGENIA
14	1/ VENT	8777347	SI FRICTION STAY W/ SS ARM	SIEGENIA
15	14	8777543	ROLLING PIN KEEPER (ZINC CHRMT'D STEEL)	SIEGENIA
16	SEE SHEET 2	E01165.14.01	SCREW-IN TYPE ADJUSTABLE HINGE 14MM DIA. X 4 (ST. STEEL)	SIEGENIA
17	AS REQD.	8777351	METAL SNUBBER (ZINC CHRMT'D STEEL)	SIEGENIA
18	AS REQD.	8777675	METAL KEEPER FOR SNUBBER (ZINC CHRMT'D STEEL)	SIEGENIA
19	1/ VENT	MDCE Z/445	WINDOW HANDLE (SOLID BRASS)	ZELUCK
20	AS REQD.	F1131	SASH WEATHERSTRIPPING-PERIMETER (EPDM)	BMP
21	AS REQD.	F 1149	SASH WEATHERSTRIPPING-TOP RAIL (EPDM)	BMP
22	1/ VENT	8777675	LINKAGE SIZE 2 (ZINC CHRMT'D STEEL)	SIEGENIA
23	1/ VENT	Z-SK-SS-00	WINDOW STAY KEEPER (ZINC CHRMT'D STEEL)	ZELUCK
24	1/ VENT	JZ 76320	WINDOW STAY KEEPER (ZINC CHRMT'D STEEL)	ZELUCK
25	1/ VENT	JZS	SNAP ON C - RING FOR KEEPER (ZINC CHRMT'D STEEL)	SIEGENIA
26	1/ VENT	6831-1489	HANDLE SPINDLE (ZINC CHRMT'D STEEL)	SIEGENIA
27	1/ VENT	DZ84	90 DEGREE HANDLE LIMMITER (ZINC CHRMT'D STEEL)	SIEGENIA
28	AS REQD.	-	CORRUGATED STEEL FASTENERS	AT 3" FROM ENDS

TYPICAL WOOD-HONDURAS MAHOGANY LUMBER
SPECIFIC GRAVITY = 0.45 MIN.
GRADE = 2 MIN.
MOISTURE CONTENT = 19% MAX.



GLAZING DETAIL
1-1/8" OVERALL
LAMINATED INSULATING GLASS

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

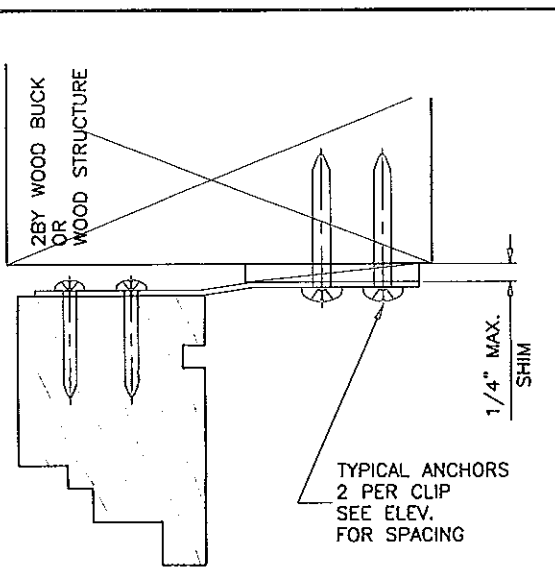
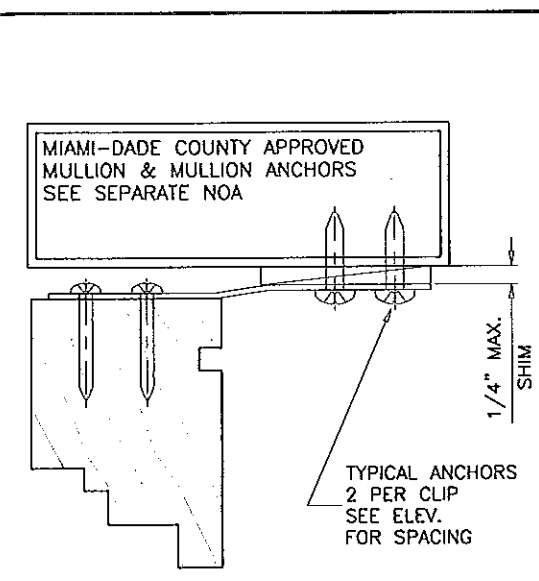
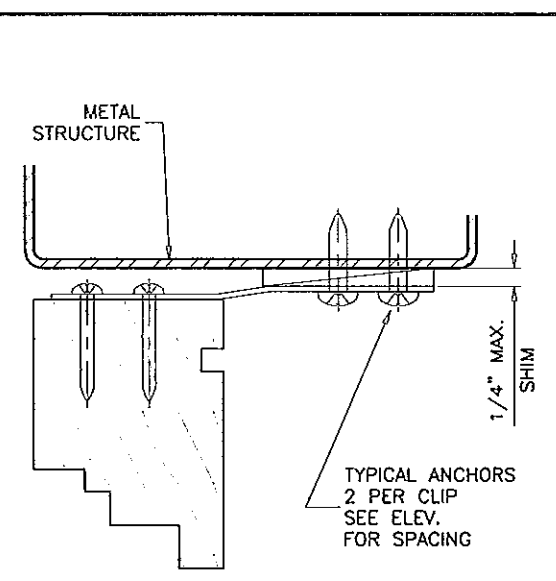
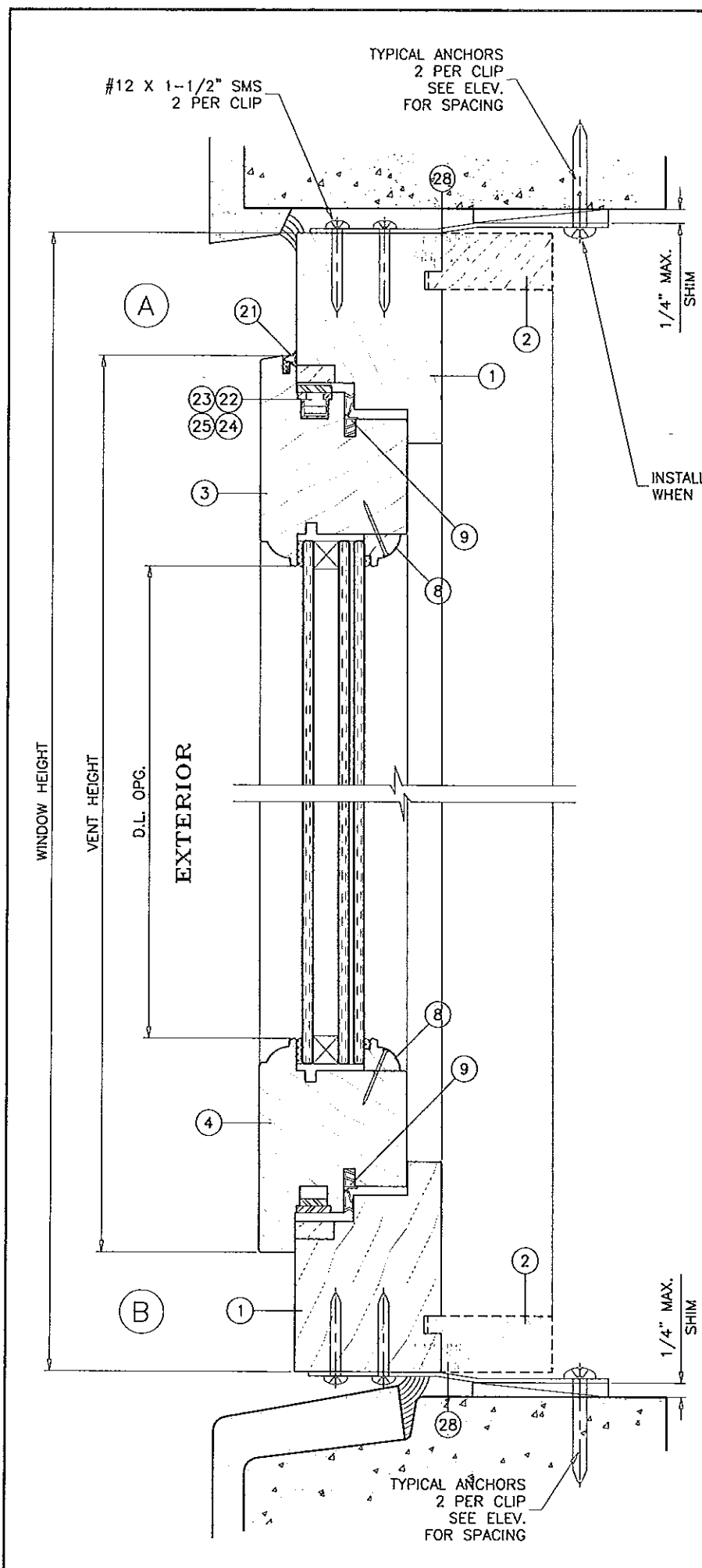
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance: No
Expiration Date: 13-0701-04
By: *Manuel J. [Signature]*
Miami Dade Product Control

MAR 15 2012

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W08-07FA

FA-H4220 EUROPEAN WOOD CASEMENT WDW.
FENESTRA-AMERICA
5300 KINGS HIGHWAY
BROOKLYN, N.Y. 11234
TEL (718) 251-7387 FAX (718) 531-2564

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drawing no.	W08-07			
sheet	2 of 5			

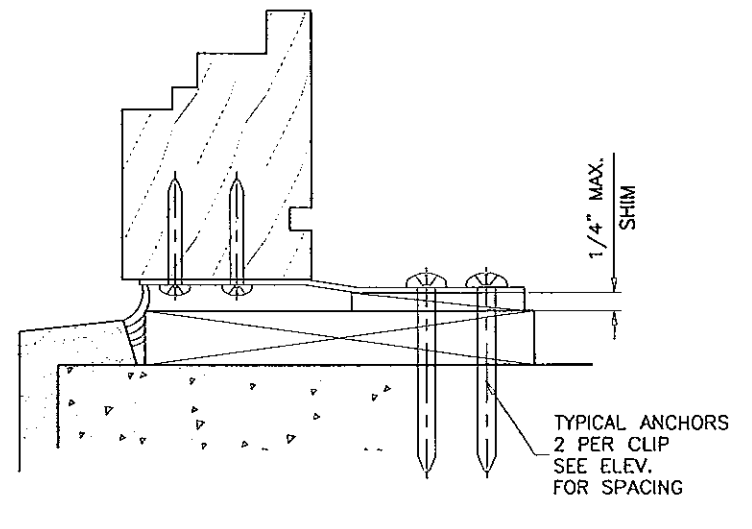


WOOD BUCKS AND METAL STRUCTURE NOT BY FENESTRA-AMERICA MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-3/8" MIN. PENETRATION INTO WOOD
 THRU 1BY BUCKS INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
 DIRECTLY INTO CONC. OR MASONRY
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
#12 SELF DRILLING SCREWS (GRADE 2 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (1/8" THK. MIN.)
 INTO METAL STRUCTURES
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 1-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 1/2" MIN.

SEALANTS:
 ALL FRAME CORNERS SEALED WITH SILICONE.



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 CIVIL
 FLA. PE # 70592
 C.A.N. 3538

By: *[Signature]*
 Miami Dade Product Control

MAR 15 2012

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afC

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 COMP-ANL W08-07FA

FA-H4220 EUROPEAN WOOD CASEMENT WDW.

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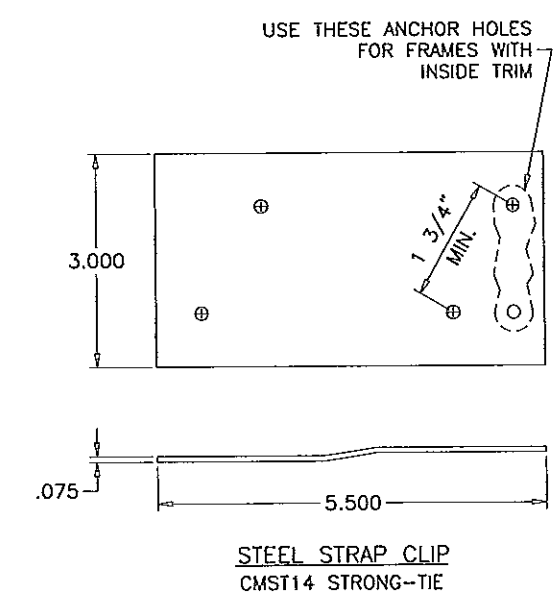
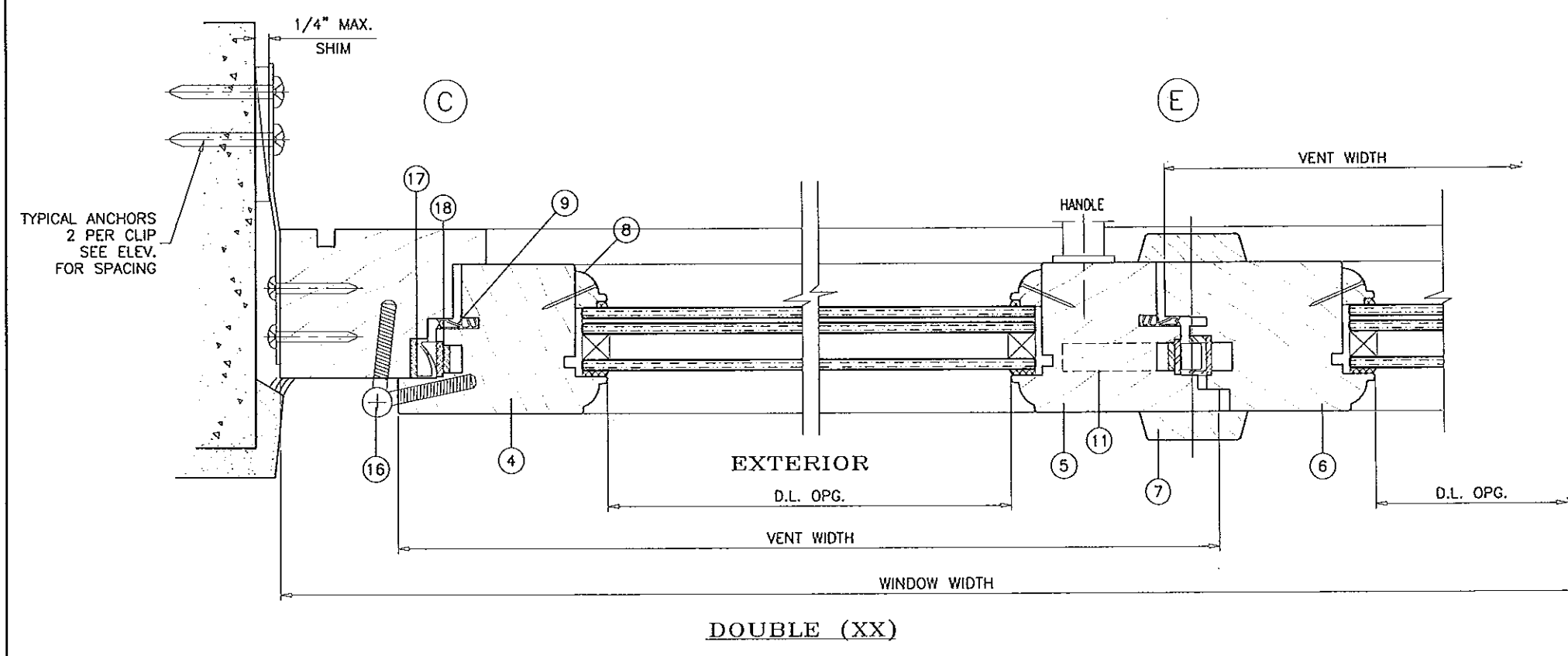
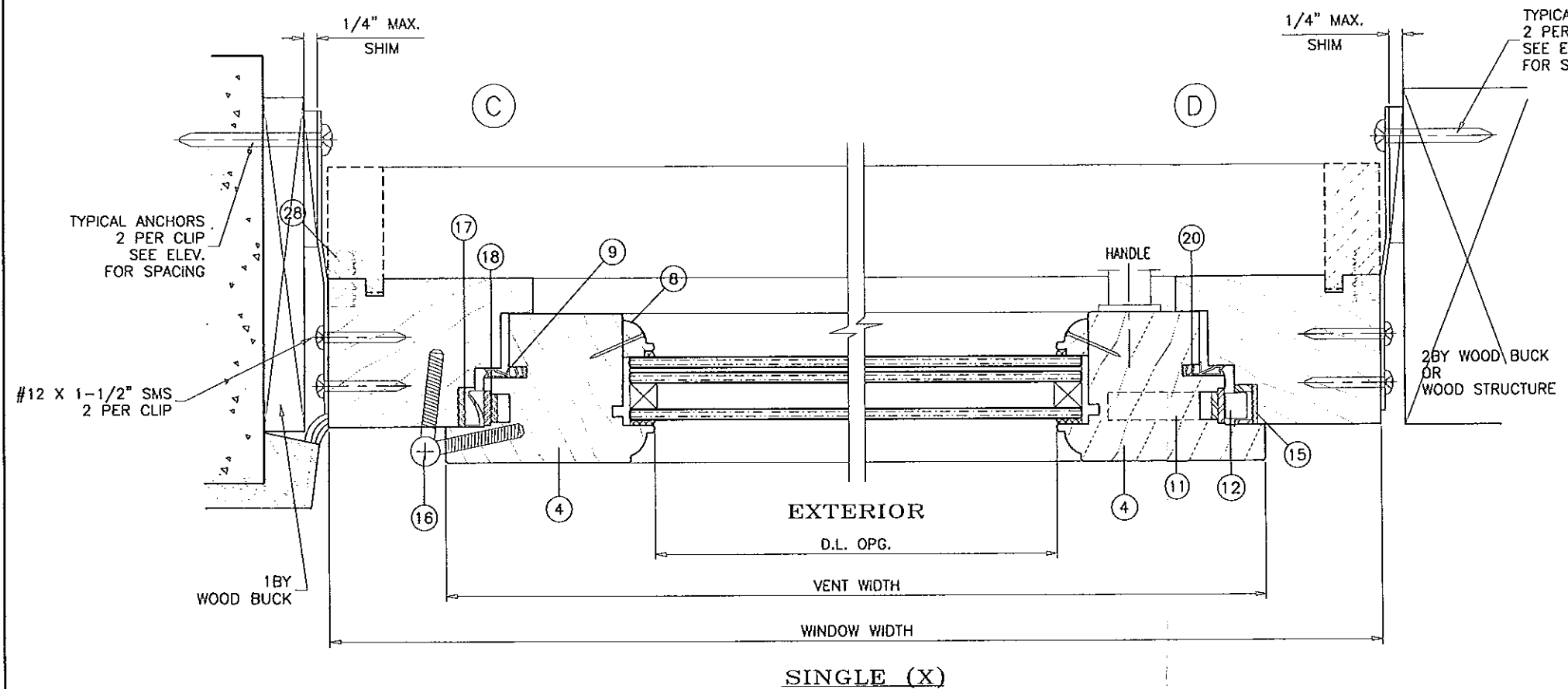
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dr. by: HAMID

chk. by:

drawing no.
W08-07

sheet 3 of 5



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538

[Signature]

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By *[Signature]*
Miami Dade Product Control

MAR 15 2012

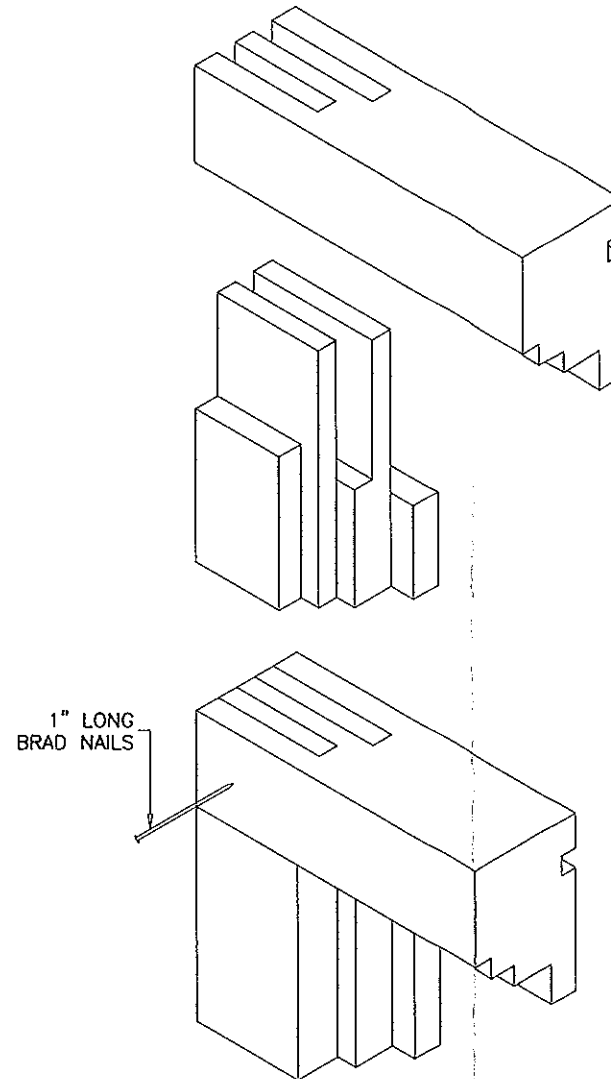
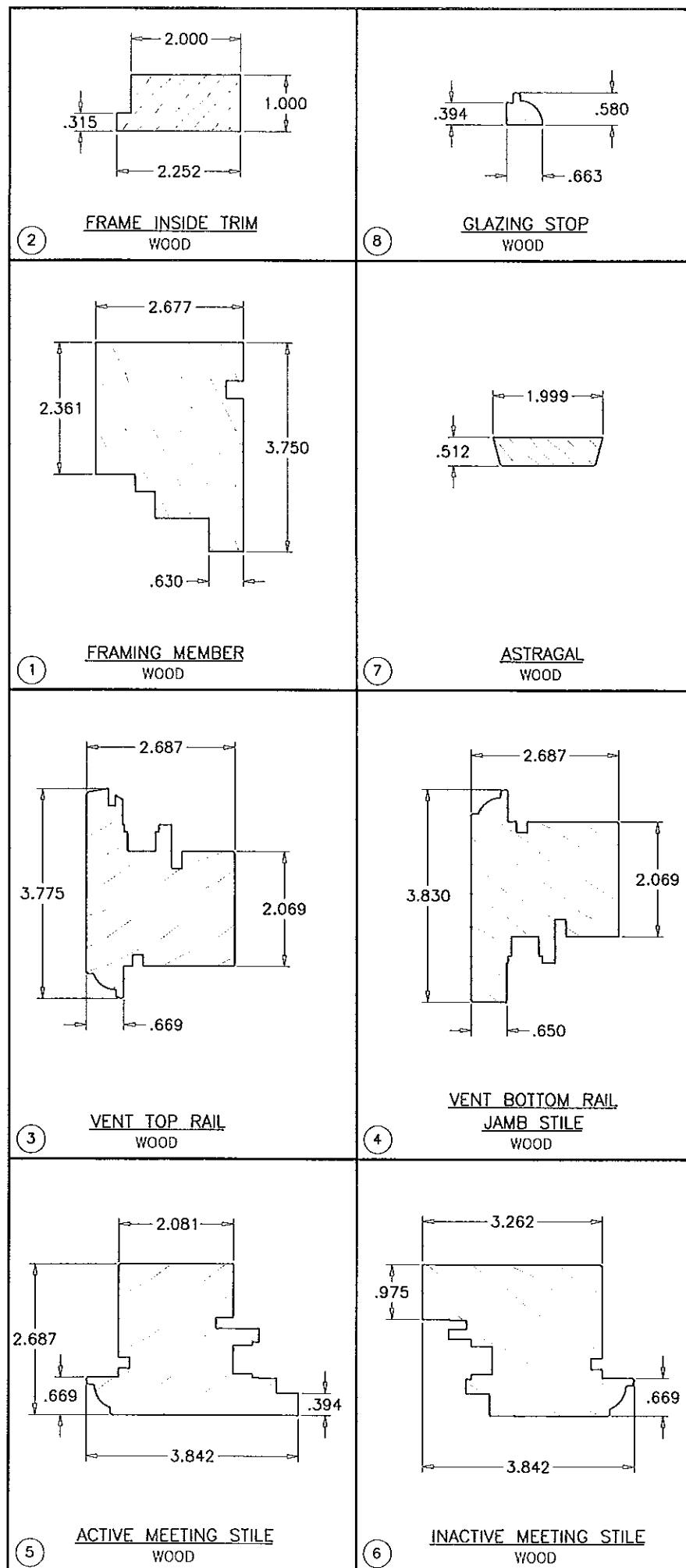
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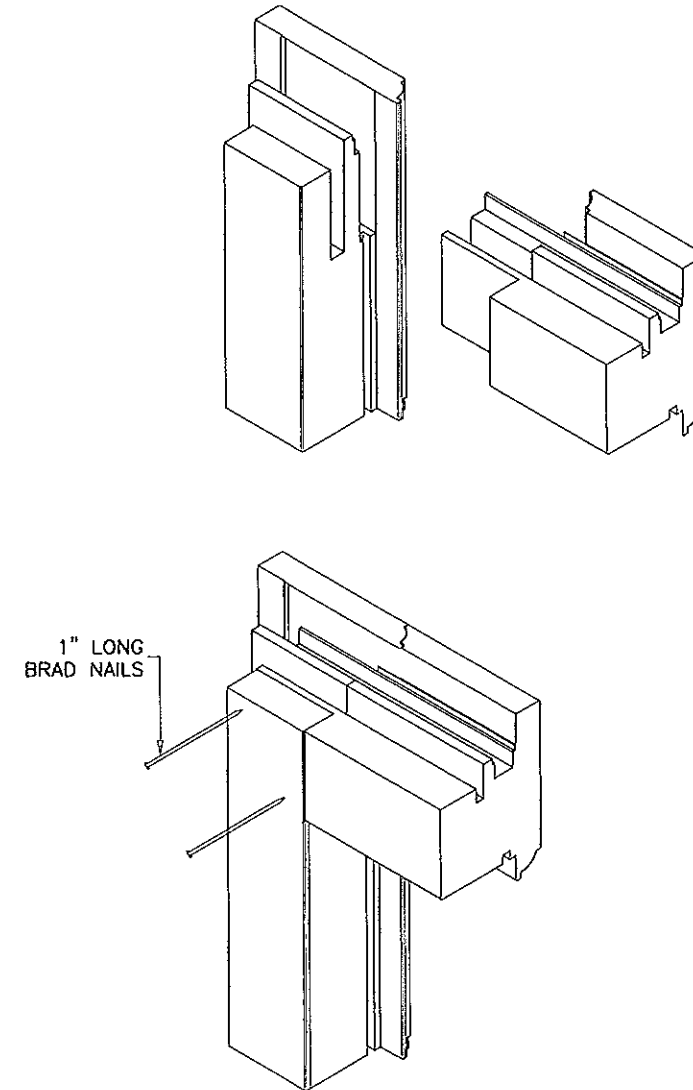
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W08-07
sheet 4 of 5



FRAME CORNER



VENT CORNER

FRAME AND VENT CORNERS SEALED/GLUED WITH 'PHENYL RESORCINOL' WATER PROOF ADHESIVE

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FLA. PE # 70592
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sheet 5 of 5